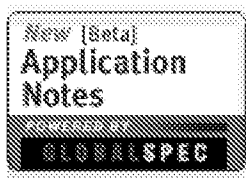


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Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard



1. A comparison of known codes, random codes, and the best codes
MacMullan, S.J.; Collins, O.M.;
[Information Theory, IEEE Transactions on](#)
Volume 44, [Issue 7](#), Nov. 1998 Page(s):3009 - 3022
Digital Object Identifier 10.1109/18.737529

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(604 KB\)](#) IEEE JNL
[Rights and Permissions](#)


2. Comparison of different turbo decoder realizations for IMT-2000
Vogt, J.; Koors, K.; Finger, A.; Fettweis, G.;
[Global Telecommunications Conference, 1999. GLOBECOM '99](#)
Volume 5, 1999 Page(s):2704 - 2708 vol.5
Digital Object Identifier 10.1109/GLOCOM.1999.831790

[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) IEEE CNF
[Rights and Permissions](#)


3. 1999 IEEE International Conference on Communications (Cat. No. 99CH36311)
[Communications, 1999. ICC '99. 1999 IEEE International Conference on](#)
Volume 1, 6-10 June 1999
Digital Object Identifier 10.1109/ICC.1999.767864

[AbstractPlus](#) | Full Text: [PDF\(1520 KB\)](#) IEEE CNF
[Rights and Permissions](#)


4. Performance of frame oriented turbo codes on UMTS channel with various termination sch
Gueguen, A.; Castelain, D.;
[Vehicular Technology Conference, 1999. VTC 1999 - Fall, IEEE VTS 50th](#)
Volume 3, 19-22 Sept. 1999 Page(s):1550 - 1554 vol.3
Digital Object Identifier 10.1109/VETECF.1999.801554

[AbstractPlus](#) | Full Text: [PDF\(420 KB\)](#) IEEE CNF
[Rights and Permissions](#)


5. Adaptive modulation techniques for duplex OFDM transmission
Keller, T.; Hanzo, L.;
[Vehicular Technology, IEEE Transactions on](#)
Volume 49, [Issue 5](#), Sept. 2000 Page(s):1893 - 1906
Digital Object Identifier 10.1109/25.892592

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(284 KB\)](#) IEEE JNL
[Rights and Permissions](#)


6. Decoding metrics and their applications in VLSI turbo decoders
Wang, Z.; Parhi, K.K.;

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000 IEEE International Conference on
Volume 6, 5-9 June 2000 Page(s):3370 - 3373 vol.6
Digital Object Identifier 10.1109/ICASSP.2000.860123

[AbstractPlus](#) | [Full Text: PDF\(348 KB\)](#) IEEE CNF

[Rights and Permissions](#)



7. Design of fixed-point iterative decoders for concatenated codes with interleavers
Montorsi, G.; Benedetto, S.;

Global Telecommunications Conference, 2000. GLOBECOM '00. IEEE

Volume 2, 27 Nov.-1 Dec. 2000 Page(s):801 - 806 vol.2

Digital Object Identifier 10.1109/GLOCOM.2000.891249

[AbstractPlus](#) | [Full Text: PDF\(724 KB\)](#) IEEE CNF

[Rights and Permissions](#)



8. Soft Bayesian recursive interference cancellation and turbo decoding for TDD-CDMA receiver
Cusani, R.; Crea, D.;

Selected Areas in Communications, IEEE Journal on

Volume 19, Issue 9, Sept. 2001 Page(s):1804 - 1809

Digital Object Identifier 10.1109/49.947044

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(264 KB\)](#) IEEE JNL

[Rights and Permissions](#)



9. A study on the performance, power consumption tradeoffs of short frame turbo decoder design
Zhipei Chi; Zhongfeng Wang; Parhi, K.K.;

Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2001 IEEE International Conference on

Volume 4, 7-11 May 2001 Page(s):2637 - 2640 vol.4

Digital Object Identifier 10.1109/ICASSP.2001.940543

[AbstractPlus](#) | [Full Text: PDF\(352 KB\)](#) IEEE CNF

[Rights and Permissions](#)



10. High-performance iterative Viterbi algorithm for conventional serial concatenated codes
Lei Wei;

Information Theory, IEEE Transactions on

Volume 48, Issue 7, July 2002 Page(s):1759 - 1771

Digital Object Identifier 10.1109/TIT.2002.1013124

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(463 KB\)](#) IEEE JNL

[Rights and Permissions](#)



11. Architectural strategies for low-power VLSI turbo decoders
Masera, G.; Mazza, M.; Piccinini, G.; Viglione, F.; Zamboni, M.;

Very Large Scale Integration (VLSI) Systems, IEEE Transactions on

Volume 10, Issue 3, June 2002 Page(s):279 - 285

Digital Object Identifier 10.1109/TVLSI.2002.1043330

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(267 KB\)](#) IEEE JNL

[Rights and Permissions](#)



12. 16-QAM turbo coded modulation for the Gilbert-Elliott channel model
Aydinlik, M.; Salehi, M.;

Communications, 2002. ICC 2002. IEEE International Conference on

Volume 3, 28 April-2 May 2002 Page(s):1393 - 1397 vol.3

Digital Object Identifier 10.1109/ICC.2002.997079

[AbstractPlus](#) | [Full Text: PDF\(221 KB\)](#) IEEE CNF

[Rights and Permissions](#)



13. Binary intersymbol interference channels: Gallager codes, density evolution, and code per
Kavcic, A.; Xiao Ma; Mitzenmacher, M.;

Information Theory, IEEE Transactions on

Volume 49, Issue 7, July 2003 Page(s):1636 - 1652

Digital Object Identifier 10.1109/TIT.2003.813563

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(1058 KB\)](#) IEEE JNL

[Rights and Permissions](#)



14. Channel equalization and noise reduction based on turbo codes
Buyukatak, K.; Gose, E.; Ucan, O.N.; Kent, S.; Osman, O.;

Recent Advances in Space Technologies, 2003. RAST '03. International Conference on, Proceedings

20-22 Nov. 2003 Page(s):644 - 648

Digital Object Identifier 10.1109/RAST.2003.1303993



15. VLSI implementation of DVB/RCS turbo code

Du, Y.; Soleymani, M.R.;

[Electrical and Computer Engineering, 2003. IEEE CCECE 2003. Canadian Conference on](#)

[Volume 3, 4-7 May 2003 Page\(s\):1581 - 1584 vol.3](#)

[Digital Object Identifier 10.1109/CCECE.2003.1226208](#)

[AbstractPlus](#) | [Full Text: PDF\(358 KB\)](#) [IEEE CNF](#)

[Rights and Permissions](#)



16. Iterative decoder-aided equalization of STANAG 4539 high data rate waveforms

Nieto, J.W.;

[HF Radio Systems and Techniques, 2003. Ninth International Conference on \(Conf. Publ. No. 49\)](#)

[23-26 June 2003 Page\(s\):42 - 47](#)

[AbstractPlus](#) | [Full Text: PDF\(452 KB\)](#) [IEEE CNF](#)

17. Iterative Receivers for MIMO-OFDM and Their Convergence Behaviour

Ahmed, S.; Ratnarajah, T.; Sellathurai, M.; Cowan, C.F. N.;

[Vehicular Technology, IEEE Transactions on, Accepted for future publication](#)

[Volume PP, Forthcoming, 2003 Page\(s\):1 - 1](#)

[Digital Object Identifier 10.1109/TVT.2008.926591](#)

[AbstractPlus](#) | [Full Text: PDF\(381 KB\)](#) [IEEE JNL](#)



18. VHDL implementation of a turbo decoder with log-MAP-based iterative decoding

Yanhui Tong; Yeap, T.-H.; Chouinard, J.-Y.;

[Instrumentation and Measurement, IEEE Transactions on](#)

[Volume 53, Issue 4, Aug. 2004 Page\(s\):1268 - 1278](#)

[Digital Object Identifier 10.1109/TIM.2004.830595](#)

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(320 KB\)](#) [IEEE JNL](#)

[Rights and Permissions](#)



19. Increasing reliability and availability of telecom sites by using CCVT power solutions

Bareli, A.;

[Telecommunications Energy Conference, 2004. INTELEC 2004. 26th Annual International](#)

[19-23 Sept. 2004 Page\(s\):372 - 378](#)

[Digital Object Identifier 10.1109/INTLEC.2004.1401495](#)

[AbstractPlus](#) | [Full Text: PDF\(808 KB\)](#) [IEEE CNF](#)

[Rights and Permissions](#)



20. Impact of near Shannon-limit codes on wireless communications technology

Eroz, M.; Lin-Nan Lee; Feng-Wen Sun;

[Personal, Indoor and Mobile Radio Communications, 2004. PIMRC 2004. 15th IEEE International](#)

[Volume 1, 5-8 Sept. 2004 Page\(s\):254 - 258 Vol.1](#)

[AbstractPlus](#) | [Full Text: PDF\(412 KB\)](#) [IEEE CNF](#)

[Rights and Permissions](#)



21. Performances of LDPC based multi-user space time diversity system design for uplink mul

Syed, M.J.; Ferre, G.; Cances, J.P.; Meghdadi, V.; Khani, G.R.M.;

[Intelligent Signal Processing and Communication Systems, 2004. ISPACS 2004. Proceedings of,](#)

[18-19 Nov. 2004 Page\(s\):486 - 491](#)

[Digital Object Identifier 10.1109/ISPACS.2004.1439103](#)

[AbstractPlus](#) | [Full Text: PDF\(428 KB\)](#) [IEEE CNF](#)

[Rights and Permissions](#)



22. Critically subsampled filterbanks implementing Reed-Solomon codes

Van Meerbergen, G.; Moonen, M.; De Man, H.;

[Acoustics, Speech, and Signal Processing, 2004. Proceedings. \(ICASSP '04\). IEEE International](#)

[Volume 2, 17-21 May 2004 Page\(s\):ii - 989-92 vol.2](#)

[Digital Object Identifier 10.1109/ICASSP.2004.1326426](#)

[AbstractPlus](#) | [Full Text: PDF\(314 KB\)](#) [IEEE CNF](#)

[Rights and Permissions](#)



23. A new method of improving SOVA turbo decoding for AWGN, Rayleigh and Rician fading c

Papaharalabos, S.; Sweeney, P.; Evans, B.G.;

[Vehicular Technology Conference, 2004. VTC 2004-Spring, 2004 IEEE 59th](#)

[AbstractPlus](#) | Full Text: [PDF\(682 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)

24. Adaptive Algorithm for Turbo Decoding Based on Logarithmic Cross Entropy
Rugui Yao; Yongsheng Wang; Ding Wang; Juan Xu;
[Communications, 2005 Asia-Pacific Conference on](#)
03-05 Oct. 2005 Page(s):232 - 236
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
25. Performance improvement of turbo coded multi-route multi-hop networks using parity che
Wada, T.; Nakagawa, N.; Okada, H.; Jamalipour, A.; Ohuchi, K.; Saito, M.;
[High Performance Switching and Routing, 2005. HPSR, 2005 Workshop on](#)
12-14 May 2005 Page(s):274 - 277
Digital Object Identifier 10.1109/HPSR.2005.1503237
[AbstractPlus](#) | Full Text: [PDF\(214 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
26. Hyperbolic tangent function avoided for encoded pilot low density parity check decoding
Goyal, A.; Kwon, H.M.;
[Wireless Technology, 2005. The European Conference on](#)
3-4 Oct. 2005 Page(s):149 - 152
Digital Object Identifier 10.1109/ECWT.2005.1617677
[AbstractPlus](#) | Full Text: [PDF\(277 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
27. IIR critically subsampled filterbanks implementing systematic Reed-Solomon codes
Van Meerbergen, G.; Moonen, M.; De Man, H.;
[Communications, 2005. ICC 2005, 2005 IEEE International Conference on](#)
Volume 1, 16-20 May 2005 Page(s):698 - 703 Vol. 1
Digital Object Identifier 10.1109/ICC.2005.1494442
[AbstractPlus](#) | Full Text: [PDF\(189 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
28. Soft-in soft-out Reed-Solomon decoding using critically subsampled filterbanks
Van Meerbergen, G.; Moonen, M.; De Man, H.;
[Information Theory Workshop, 2005 IEEE](#)
29 Aug.-1 Sept. 2005 Page(s):6 pp.
Digital Object Identifier 10.1109/ITW.2005.1531873
[AbstractPlus](#) | Full Text: [PDF\(436 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
29. BWT based universal lossless source controlled channel decoding with low density parity
Li Wang; Shamir, G.I.;
[Data Compression Conference, 2005. Proceedings. DCC 2005](#)
29-31 March 2005 Page(s):487
Digital Object Identifier 10.1109/DCC.2005.24
[AbstractPlus](#) | Full Text: [PDF\(75 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
30. Multilevel turbo coded-continuous phase frequency shift keying (MLTC-CPFSK) over satell
communication
Odabasioglu, N.; Ucan, O.N.; Hekim, Y.;
[Recent Advances in Space Technologies, 2005. RAST 2005. Proceedings of 2nd International Co](#)
9-11 June 2005 Page(s):451 - 455
Digital Object Identifier 10.1109/RAST.2005.1512610
[AbstractPlus](#) | Full Text: [PDF\(241 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
31. Critically subsampled filterbanks implementing Reed-Solomon codes: an algebraic point o
Van Meerbergen, G.; Moonen, M.; De Man, H.;
[Acoustics, Speech, and Signal Processing, 2005. Proceedings. \(ICASSP '05\). IEEE International](#)
Volume 4, 18-23 March 2005 Page(s):iv/581 - iv/584 Vol. 4
Digital Object Identifier 10.1109/ICASSP.2005.1416075
[AbstractPlus](#) | Full Text: [PDF\(298 KB\)](#) [IEEE CNF](#)

32. Critically Subsampled Filterbanks for SISO Reed–Solomon Decoding
Van Meerbergen, G.; Moonen, M.; De Man, H.;
[Signal Processing, IEEE Transactions on \[see also Acoustics, Speech, and Signal Processing, IEEE\]](#)
Volume 54, Issue 11, Nov. 2006 Page(s):4446 - 4460
Digital Object Identifier 10.1109/TSP.2006.880047

[AbstractPlus](#) | Full Text: [PDF\(1288 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
33. Image Communications Based on Adaptive Segmentation and WIPC-LDPC over Wireless C
Rui Guo; Ji-lin Liu;
[Information Acquisition, 2006 IEEE International Conference on](#)
20-23 Aug. 2006 Page(s):1406 - 1410
Digital Object Identifier 10.1109/ICIA.2006.305961

[AbstractPlus](#) | Full Text: [PDF\(1728 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
34. The HomePlug Powerline Alliance and HomePlug AV Overviews
Yonge, L.;
[Power Line Communications and Its Applications, 2006 IEEE International Symposium on](#)
26-29 March 2006 Page(s):9 - 10

[AbstractPlus](#) | Full Text: [PDF\(1936 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
35. Layered Decoding of Non-Layered LDPC Codes
Rovini, M.; Rossi, F.; Cio, P.; L'Insalata, N.; Fanucci, L.;
[Digital System Design: Architectures, Methods and Tools, 2006. DSD 2006. 9th EUROMICRO C](#)
0-0 0 Page(s):537 - 544
Digital Object Identifier 10.1109/DSD.2006.63

[AbstractPlus](#) | Full Text: [PDF\(248 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
36. The Novel Super-FEC Coding Scheme Based on the Block Turbo Code for Long-Haul Optic
Yuan JianGuo; Jiang Ze; Mao YouJu; Ye Wenwei; Wang Wei;
[Wireless Communications, Networking and Mobile Computing, 2006. WiCOM 2006. International C](#)
22-24 Sept. 2006 Page(s):1 - 4
Digital Object Identifier 10.1109/WICOM.2006.132

[AbstractPlus](#) | Full Text: [PDF\(355 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
37. Notice of Violation of IEEE Publication Principles
LDPC decoder: A cognitive radio perspective for next generation (XG) communication
Baker, A.; Ghosh, S.; Kumar, A.; Bayoumi, M.;
[Circuits and Systems Magazine, IEEE](#)
Volume 7, Issue 3, Third Quarter 2007 Page(s):24 - 37
Digital Object Identifier 10.1109/MCAS.2007.904180

[AbstractPlus](#) | Full Text: [PDF\(1794 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)
38. Detection of Rotor Faults in Synchronous Generators
Kiani, M.; Lee, W.-J.; Kenarangui, R.; Fahimi, B.;
[Diagnostics for Electric Machines, Power Electronics and Drives, 2007. SDEMPED 2007. IEEE In](#)
6-8 Sept. 2007 Page(s):266 - 271
Digital Object Identifier 10.1109/DEMPED.2007.4393106

[AbstractPlus](#) | Full Text: [PDF\(6068 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)
39. Mapping for Iterative MMSE-SIC with Belief Propagation
Gounai, S.; Ohtsuki, T.;
[Communications, 2007. ICC '07. IEEE International Conference on](#)
24-28 June 2007 Page(s):4885 - 4890
Digital Object Identifier 10.1109/ICC.2007.806

[AbstractPlus](#) | Full Text: [PDF\(265 KB\)](#) [IEEE CNF](#)
[Rights and Permissions](#)



40. Dore, J.-B.; Penard, P.; Hamon, M.-H.;

[Vehicular Technology Conference, 2007. VTC-2007 Fall, 2007 IEEE 68th](#)

Sept. 30 2007-Oct. 3 2007 Page(s):1142 - 1146

Digital Object Identifier 10.1109/VETECF.2007.247

[AbstractPlus](#) | Full Text: [PDF\(194 KB\)](#) [IEEE CNF](#)

[Rights and Permissions](#)



41. A Near Optimum Low Complexity Detection Algorithm for MIMO OFDM Channels

Karami, E.; Juntti, M.;

[Personal, Indoor and Mobile Radio Communications, 2007. PIMRC 2007. IEEE 18th International](#)

3-7 Sept. 2007 Page(s):1 - 5

Digital Object Identifier 10.1109/PIMRC.2007.4394114

[AbstractPlus](#) | Full Text: [PDF\(333 KB\)](#) [IEEE CNF](#)

[Rights and Permissions](#)



42. Inverse Bit Plane Decoding Order for Turbo Code Based Distributed Video Coding

Vatis, Y.; Klomp, S.; Ostermann, J.;

[Image Processing, 2007. ICIP 2007. IEEE International Conference on](#)

Volume 2, Sept. 16 2007-Oct. 19 2007 Page(s):II - 1 - II - 4

Digital Object Identifier 10.1109/ICIP.2007.4379077

[AbstractPlus](#) | Full Text: [PDF\(169 KB\)](#) [IEEE CNF](#)

[Rights and Permissions](#)



43. A Class of LDPC Erasure Distributions with Closed-Form Threshold Expression

Paolini, E.; Chiani, M.;

[Communications, 2007. ICC '07. IEEE International Conference on](#)

24-28 June 2007 Page(s):659 - 664

Digital Object Identifier 10.1109/ICC.2007.113

[AbstractPlus](#) | Full Text: [PDF\(209 KB\)](#) [IEEE CNF](#)

[Rights and Permissions](#)



44. Correction to "On Achievable Rates and Complexity of LDPC Codes Over Parallel Channel: Applications" [Feb 07 580-598]

Sason, I.; Wiechman, G.;

[Information Theory, IEEE Transactions on](#)

Volume 54, Issue 7, July 2008 Page(s):3368 - 3368

Digital Object Identifier 10.1109/TIT.2008.924654

[AbstractPlus](#) | Full Text: [PDF\(47 KB\)](#) [IEEE JNL](#)

[Rights and Permissions](#)



45. A near optimum joint detection and decoding algorithm for MIMO-OFDM channels

Karami, Ebrahim; Juntti, Markku;

[Wireless Pervasive Computing, 2008. ISWPC 2008. 3rd International Symposium on](#)

7-9 May 2008 Page(s):223 - 223

Digital Object Identifier 10.1109/ISWPC.2008.4556201

[AbstractPlus](#) | Full Text: [PDF\(39 KB\)](#) [IEEE CNF](#)

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